

Title (en)

STAPLE STORAGE CASSETTE AND CASSETTE TYPE STAPLER

Title (de)

KLAMMERLAGERMAGAZIN UND HEFTVORRICHTUNG MIT MAGAZIN

Title (fr)

CASSETTE DE STOCKAGE D AGRAFES ET AGRAFEUSE A CASSETTE

Publication

EP 1867440 A4 20101103 (EN)

Application

EP 05727766 A 20050331

Priority

JP 2005006261 W 20050331

Abstract (en)

[origin: EP1867440A1] A staple storage cassette (1), comprising a staple assembly (10) slidably installed on a cassette rail member (2) across a pair of guide rails (3) vertically formed parallel with each other, a feeder (20) slidably brought into contact with the rear end part of the staple assembly, and a cassette cover member (30) forming a passage in which staples (11) and the feeder (20) are inserted. A stopper (30f) is installed and a blade guide hole (30g) is formed at the front end part of the cassette cover member (30), and engagement recessed parts engaged with the elastically engaged claw pieces (22) of the feeder (20) in one direction are continuously formed in the inner surface of the cassette cover member (30) in the longitudinal direction so that the feeder (20) can be moved in the forward direction only. In the cassette type stapler using the staple storage cassette (1), a drive device (90) moving the feeder (20) to a stapler drive-out part is assembled between the magazine rail members (42) of a cassette loading magazine (40).

IPC 8 full level

B25C 5/16 (2006.01)

CPC (source: EP US)

B25C 5/0242 (2013.01 - EP US); **B25C 5/161** (2013.01 - EP US)

Citation (search report)

- [XY] WO 2005007349 A1 20050127 - SEBEK LTD [JP], et al
- [Y] GB 2193920 A 19880224 - YOSHIYUKI EBIHARA
- [A] US 6672499 B1 20040106 - LEE YING-CHOU [TW]
- [A] WO 03099521 A1 20031204 - E TOP CORP [JP], et al
- [A] WO 2004028750 A1 20040408 - E TOP CORP [JP], et al
- See references of WO 2006106568A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 1867440 A1 20071219; EP 1867440 A4 20101103; JP WO2006106568 A1 20080911; US 2009014496 A1 20090115; US 7571843 B2 20090811; WO 2006106568 A1 20061012

DOCDB simple family (application)

EP 05727766 A 20050331; JP 2005006261 W 20050331; JP 2007512372 A 20050331; US 90972905 A 20050330